

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Claims 1 – 6 (canceled)

Claim 7 (currently amended): ~~[[The]]~~ A method of claim 5, wherein step (b) further comprises: for retouching a photographed image using a digital camera that includes an image storing medium and a display unit, the photographed image being stored in the image storing medium and displayed on the display unit, the method comprising:

(a) determining if a user has formed a magnifying window on a portion of the image being displayed on the display unit;

(b) expanding the portion of the image in the magnifying window, said portion of the image defining an expanded image region including an impurity to be retouched;

(c) determining if the user has identified a detailed retouch region in the expanded image region, said detailed retouch region enclosing the impurity to be retouched;

(d) forming a second filter window having the same a size that is substantially similar to a size of [[as]] the detailed retouch region in the expanded image region;

(e) disposing the second filter window on an image region having color information similar to that of the detailed retouch region;

(f) copying the image region on which the second filter window is disposed;

(g) disposing the second filter window having color information of the copied image region on the detailed retouch region; and

(h) substituting the color information of the detailed retouch region on which the second filter window is disposed with the color information of the copied image region.

Claim 8 (currently amended): The method of claim 7, ~~wherein step (b) further comprises~~ comprising:

after the substituting step, recognizing a peripheral image region containing the substituted detailed retouch region after substituting the color information of the detailed retouch region on which the second filter window is disposed with the color information of the copied image region; region; and

blurring the recognized peripheral image region.

Claim 9 (original): An apparatus for retouching a photographed image using a digital camera, comprising:

a region recognition unit for recognizing an image region which is to be retouched in the photographed image and outputting the recognized image region; and
a region retouch unit for retouching the recognized image region input from the region recognition unit, and outputting the retouched result,
wherein the region recognition unit and the region retouch unit is located on the digital camera.

Claim 10 (original): The apparatus of claim 9, wherein the region retouch unit blurs the recognized image region and outputs the blurred image region.

Claim 11 (original): The apparatus of claim 9, wherein the region retouch unit comprises:
a filter window forming unit for forming a first filter window having the same size as the recognized image region and outputting the formed first filter window;
a filter window moving unit for moving the first filter window input from the filter window forming unit on a screen of the digital camera and outputting the moved result;
a region copying unit for copying the image region on which the first filter window is disposed in response to receiving of the moved result of the first filter window, and outputting the copied image region; and
a color information substituting unit for substituting the color information of the recognized image region with that of the copied image region in response to receiving of the moved result of the first filter window including the copied image region from the filter window moving unit, and outputting the substituted image region.

Claim 12 (original): The apparatus of claim 11, wherein the filter window forming unit forms windows having several selective sizes.

Claim 13 (original): The apparatus of claim 11, wherein the region retouch unit further comprises:

a peripheral region recognizing unit for recognizing a peripheral image region including the substituted image region in response to receiving of the substituted image region from the color information substituting unit, and outputting the recognized peripheral image region; and

a peripheral region blurring unit for blurring the recognized peripheral image region input from the peripheral region recognizing unit, and outputting the blurred peripheral image region.

Claim 14 (original): The apparatus of claim 9 further comprising a region expanding unit for expanding the recognized image region input from the region recognition unit and outputting the expanded image region, wherein the region retouch unit retouches the expanded image region input from the region expanding unit and outputs the retouched image region.

Claim 15 (original): The apparatus of claim 14, wherein the region retouch unit comprises:
a detailed retouch region recognizing unit for recognizing the detailed retouch region in the expanded image region and outputting the recognized detailed retouch region; and
a detailed retouch region blurring unit for blurring the detailed retouch region input from the detailed retouch region recognizing unit and outputting the blurred detailed retouch region.

Claim 16 (original): The apparatus of claim 14, wherein the region retouch unit comprises:
a filter window forming unit for forming a second filter window having the same size as the detailed retouch region in the expanded image region and outputting the formed second filter window;
a filter window moving unit for moving the second filter window inputted from the filter window forming unit on a screen of the digital camera, and outputting the moved result;
a region copying unit for copying the image region on which the second filter window is disposed in response to receiving of the moved result of the second filter window, and outputting the copied image region; and
a color information substituting unit for substituting the color information of the detailed retouch region with the color information of the copied image region in response to receiving of the moved result of the second filter window having the copied image region from the filter window moving unit, and outputting the substituted image region.

Claim 17 (original): The apparatus of claim 16, wherein the filter window forming unit forms several windows having selective sizes.

Claim 18 (original): The apparatus of claim 16, wherein the region retouch unit further comprises:
a peripheral region recognizing unit for receiving the substituted image region from the color information substituting unit, recognizing a peripheral image region including the substituted image region, and outputting the recognized peripheral image region; and

a peripheral region blurring unit for blurring the peripheral image region input from the peripheral region recognizing unit and outputting the blurred peripheral image region.

Claim 19 (new): A method for retouching a photographed image using a digital camera that includes an image storing medium and a display unit, the photographed image being stored in the image storing medium and displayed on the display unit, the method comprising:

magnifying a portion of the image being displayed on the display unit so that the portion occupies a substantial entirety of the display unit, the portion including an impurity to be retouched;

substantially surrounding the impurity to be retouched with a first window;
determining first color information of pixels in the first window;
forming a second window on the display unit;
using the second window to identify a location on the display unit, the location having second color information that is substantially similar to the first color information; and
substituting the first color information with the second color information.

Claim 20 (new): The method of claim 19 further comprising, after the substituting step, storing the image to the image storing medium.

Claim 21 (new): The method of claim 19 further comprising, after the substituting step, blurring a peripheral image region containing the first window.

Claim 22 (new): The method of claim 19 wherein the forming step comprises:
determining a first configuration of the first window; and
configuring on the display unit the second window which has a second configuration being substantially similar to the first configuration.

Claim 23 (new): The method of claim 19 wherein the forming step comprises:
displaying a plurality of second windows on the display unit, each second window of the plurality of second windows having a different configuration; and
detecting user-selection of one second window from the plurality of second windows.

Claim 24 (new): The method of claim 19 wherein the substituting step comprises:
copying information of pixels constituting the location; and
replacing the first window with the information from the copying step.